

Converting Colors

YIQ(150.4610, 28.9650, 64.3010)

Have a look what the booklet for
YIQ(150.4610, 28.9650, 64.3010)
contains.

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Color

**YIQ(150.4610, 28.9650,
64.3010)**

Conversions

Conversions Part 1

Format	Color
Hex	DA65E4
RGB	218, 101, 228
RGB Percent	85%, 40%, 89%
CMY	0.1447, 0.6041, 0.1059
CMYK	0.04, 0.56, 0.00, 0.11
HSL	295°, 70%, 65%
HSV	295°, 56%, 89%
XYZ	47.5938, 29.8190, 76.6490
YIQ	150.4610, 28.9650, 64.3010

Conversions

Conversions Part 2

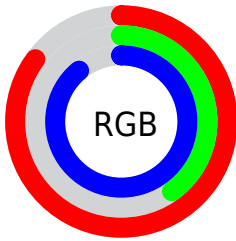
Format	Color
R _Y B	218, 101, 228
Decimal	14312932
CIE Lab	61.50, 63.00, -44.30
CIE LCh	61, 77.018, 324.889
Yxy	29.8190, 0.3089, 0.1936
Android (android.graphics.Color)	4292503012 (0xFFDA65E4)
YUV	150.4610, 38.2267, 59.2317
Hunter-Lab	54.6068, 60.0139, -44.9979

Details

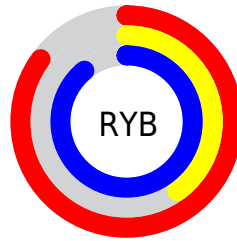
The YIQ color $150.4610, 28.9650, 64.3010$ is a light color, and the websafe version is hex $CC66CC$. A complement of this color would be $178.5390, -28.9650, -64.3010$, and the grayscale version is $150.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $197.4740, 26.9500, 51.2540$, and $92.6890, 28.3230, 64.9230$ is the 20% darker color. If you saturate the color by 10%, you get $136.3620, 34.0980, 75.9060$, and if you desaturate by 10%, it is $164.5600, 23.8320, 52.6960$.

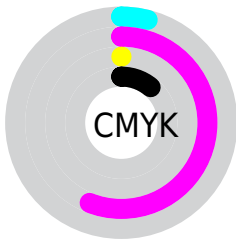
Distribution



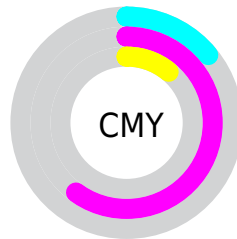
- Red (85%)
- Green (40%)
- Blue (89%)



- Red (85%)
- Yellow (40%)
- Blue (89%)



- Cyan (4%)
- Magenta (56%)
- Yellow (0%)
- Black (11%)



- Cyan (14%)
- Magenta (60%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.4610, 28.9650, 64.3010 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 150.4610, 28.9650, 64.3010 by changing the saturation by 10% instead.

150.4610, 28.9650,
64.3010

150.4610, 28.9650,
64.3010

255.0000, -0.0000,
-0.0000

122.1620, 28.3690,
64.0890

197.4740, 26.9500,
51.2540

92.6890, 28.3230,
64.9230

213.9100, 19.2500,
36.6100

55.9980, 32.1270,
73.0790

230.9330, 11.2750,
21.4430

44.6620, 23.7850,
59.0570

248.5430, 3.0250,
5.7530

33.7390, 15.7180,
45.5580

23.4140, 8.8430,
32.4830

11.8220, -1.6540,

18.9700

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 150.4610, 28.9650,
64.3010

■ 150.4610, 28.9650,
64.3010

■ 136.3620, 34.0980,
75.9060

■ 164.5600, 23.8320,
52.6960

■ 122.5620, 39.8270,
87.7230

■ 178.6590, 18.6990,
41.0910

■ 109.0500, 44.6850,
98.8050

■ 191.8720, 13.2450,
29.7970

■ 94.9510, 49.8180,
110.4100

■ 205.9710, 8.1120,
18.1920

■ 88.7820, 51.9720,
115.4280

■ 220.0700, 2.9790,
6.5870

■ 234.1690, -2.1540,
-5.0180

■ 244.7460, -5.6370,
-13.4850

■ 245.0450, -5.0410,
-13.2730

■ 245.6430, -3.8490,
-12.8490

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



144.1840, -48.9270, 33.1930



150.4610, 28.9650, 64.3010



137.0910, 79.8570, 67.0970

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



150.4610, 28.9650, 64.3010



139.5660, 72.9980, -34.4100



128.3290, -114.7090, -30.1730

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



150.4610, 28.9650, 64.3010



178.5390, -28.9650, -64.3010

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



119.7620, -91.9640, -51.4200



150.4610, 28.9650, 64.3010



131.5830, 29.6290, -57.9150

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



150.4610, 28.9650, 64.3010



140.3260, 101.4180, 1.2100



108.7330, -67.7980, -70.8860



131.2080, -129.7050, -11.6970

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



150.4610, 28.9650, 64.3010



131.9610, 94.3020, 53.1020



108.7330, -67.7980, -70.8860



125.8210, -107.6470, -37.0150

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



150.4610, 28.9650, 64.3010



228.8620, 10.0370, 21.8530



121.9350, -43.7920, 33.7440



112.1400, 5.9580, 13.1740



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



150.4610, 28.9650, 64.3010



150.7360, 39.2770, 86.6770



147.4090, 51.9380, 49.9380



107.6570, 2.7040, 6.0640



69.7410, 40.8810, 90.6490



19.8670, 11.6410, 25.8250

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



140.1130, 72.4820, 30.0340



136.6110, 97.7430, 40.2950



181.5910, -51.9380, -49.9380



106.7020, 6.8310, 2.8550



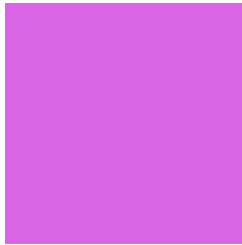
55.1170, 102.1900, 42.3020



15.7050, 29.1120, 12.0560

Previews

White Background



This preview shows how the YIQ color 150.4610, 28.9650, 64.3010 looks on a white background.

Color Contrast Check

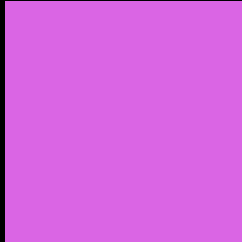
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 150.4610, 28.9650, 64.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

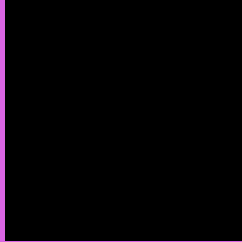
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 150.4610, 28.9650, 64.3010

Background



This preview shows how black text looks on a background with the YIQ color 150.4610, 28.9650, 64.3010.



This preview shows how white text looks on a background with the YIQ color 150.4610, 28.9650,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

150.4610, 28.9650, 64.3010

Protanopia

144.0850, -62.1300, 24.6700

Deuteranopia

147.2380, -40.9920, 16.0320



Tritanopia

150.3590, 45.0660, 20.2820

Trichromacy



Original Color

150.4610, 28.9650, 64.3010



Protanomaly

146.4100, -28.8920, 39.0440



Deuteranomaly

148.3650, -15.8240, 33.4880



Tritanomaly

150.1480, 39.0110, 36.4110

Monochromacy



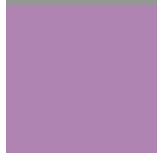
Original Color

150.4610, 28.9650, 64.3010



Achromatopsia

150.0000, -0.0000, -0.0000



Achromatomaly

150.1010, 10.8620, 23.4220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.4610, 28.9650, 64.3010 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(218, 101, 228)` looks like.

```
.text, #text, p{  
    color:rgb(218, 101, 228)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(218, 101, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 101, 228) }
```

Border

The CSS property to change the border of an element to YIQ 150.4610, 28.9650, 64.3010 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 101, 228) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(218, 101, 228) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(218, 101, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 101, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 101, 228);  
box-shadow:4px 4px 4px 4px rgb(218, 101,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 150.4610, 28.9650, 64.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 101, 228) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(218,  
101, 228) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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